

SolarInnovate Energy Solutions

EU Super Aluminum Electrolytic Capacitor



Overview

What are aluminum electrolytic capacitors used for?

Aluminum electrolytic capacitors are used in frequency converters, wind power converters, solar inverters, professional power supplies and UPS, medical applications, professional photoflash units and in a wide range of automotive applications. The capacitance of aluminum electrolytic capacitors is defined by the surface of the aluminum anode foil.

Who makes aluminum electrolytic capacitors?

Mouser is an authorized distributor for many aluminum electrolytic capacitor manufacturers including Cornell Dubilier, EPCOS, KEMET, Lelon, Nichicon, Panasonic, United Chemi-Con, Vishay & more. Please view our large selection of aluminum electrolytic capacitors below. Filter the results in the table by unit price based on your quantity.

What is the capacitance of aluminum electrolytic capacitors?

The capacitance of aluminum electrolytic capacitors is defined by the surface of the aluminum anode foil. This surface is maximized by special etching processes, giving these capacitors the highest volumetric capacitance of all capacitor technologies and thus an attractive cost per capacitance ratio.

Who makes Radial electrolytic capacitors?

Jianghai manufactures radial electrolytic capacitor series, which are characterized by their compact design and a large number of possible connection assemblies. With a temperature resistance of up to +135 °C and a maximum cup diameter of 25 mm, the durable capacitors offer excellent solutions for many applications.

Are Epcos aluminum electrolytic capacitors reliable?

EPCOS aluminum electrolytic capacitors feature outstanding ripple current capabilities and very long-term reliability. Your search will lead to more than

2000 hits. Please adjust your search criteria. Aluminum Electrolytic Capacitors for industrial applications in photovoltaic (PV) systems, wind power, medical applications, and power supplies.

Why do electrolytic capacitors have a high specific capacitance?

The oxide is very thin and at the same time very voltage-resistant, which means that electrolytic capacitors have a comparatively high specific capacitance compared to other types of capacitors, which is only exceeded by so-called supercapacitors (listed as “Energy-C” at Jianghai).

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High-performance MIM-type aluminum electrolytic capacitors ...

Aug 1, 2024 · At present, capacitors can be divided into four main categories: ceramic capacitors, film capacitors, tantalum electrolytic capacitors and aluminum electrolytic capacitors. Film ...

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